

## Sequence Listing

SEQ ID NO: 1

16s rDNA sequence for strain #44442 (sequence listed 5'⇒3'):

GACGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAGCGGTAAGGCCC  
TTCGGGGTACACGAGCGGCGAACGGGTGAGTAACACGTGGGTAACCTGCC  
CTGTACTCCGGGATAAGCCTGGGAACTAGGTCTAATACCGGATACGACC  
CCATAGGGCATCTTGTGGGGTGGAAAGTTCCGGCGGTATGGGATGGACCC  
GCGGCCTATCAGCTTGTGTTGGTGGGGTGATGGCCTACCAAGGCGACGACGG  
GTAGCCGGCCTGAGAGGGTGACCGGCCACACTGGGACTGAGACACGGCCC  
AGACTCCTACGGGAGGCAGCAGTGGGGAATATTGCACAATGGGCGAAAGC  
CTGATGCAGCGACGCCGCGTGAGGGATGACGGCCTTCGGGTTGTAAACCT  
CTTTCAGCAGGGACGAAGCGCAAGTGACGGTACCTGCAGAAGAAGCACCG  
GCTAACTACGTGCCAGCAGCCGCGGTAATACGTAGGGTGCGAGCGTTGTC  
CGGAATTATTGGGCGTAAAGAGCTCGTAGGCGGTTTGTGCGTCGGCCGTG  
AAAACCTTCACGCTTAACGTGGAGCCTGCGGTGCGATACGGGCAGACTTGAG  
TTCGGCAGGGGAGACTGGAATTCCTGGTGTAGCGGTGAAATGCGCAGATA  
TCAGGAGGAACACCGGTGGCGAAGGCGGGTCTCTGGGCCGATACTGACGC  
TGAGGAGCGAAAGCGTGGGGAGCGAACAGGATTAGATACCCTGGTAGTCC  
ACGCCGTAAACGGTGGGTGCTAGGTGTGGGGGACTTCCACGTCCTCCGTGC  
CGCAGCTAACGCATTAAGCACCCCGCCTGGGGAGTACGGCCGCAAGGCTA  
AAACTCAAAGGAATTGACGGGGGGCCCGCACAAAGCGGCGGAGCATGTGGAT  
TAATTTCGATGCAACGCGAAGAACCTTACCTGGGCTTGACATGCACCGGAA  
ACCTGCAGAGATGTAGGCCTCTTCGGAAGTGGTGTACAGGTGGTGCATGGCT  
GTCGTCAGCTCGTGTCTGAGATGTTGGGTAAAGTCCCGCAACGAGCGCAA  
CCCTCGTTCCATGTTGCCAGCGCGTTATGGCGGGGACTCATGGGAGACTGC  
CGGGGTCAACTCGGAGGAAGGTGGGGATGACGTCAAGTCATCATGCCCTT  
TATGTCCAGGGCTTCACACATGCTACAATGGCCGGTACAGAGGGGCTGCTA  
AGCCGTGAGGTGGAGCGAATCCCAAAAAGCCGGTCTCAGTTCGGATCGGG  
GTCTGCAACTCGACCCCGTGAAGTCGGAGTCGCTAGTAATCGCAGATCAG  
CAACGCTGCGGTGAATACGTTCCCGGGCCTTGTACACACCGCCCGTCACGT  
CACGAAAGTCGGTAACACCCGAAGCCCGTGGCCCAACCCGCAAGGGGGGG  
AGCGGTCTGAAGGTGGGACTGGCGATTGGGAC

SEQ ID NO: 2

16s rDNA sequence for strain #45494 (sequence listed 5'⇒3'):

GACGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAGCGGTAAGGCCC  
TTCGGGGTACACGAGCGGCGAACGGGTGAGTAACACGTGGGTAACCTGCC  
CTGTACTCCGGGATAAGCCTGGGAACTAGGTCTAATACCGGATACGACC  
CCATAAGGCATCTTGTGGGGTGGAAAGTTCCGGCGGTATGGGATGGACCC  
GCGGCCTATCAGCTTGTGGGTGGGGTGATGGCCTACCAAGGCGACGACGG  
GTAGCCGGCCTGAGAGGGTGACCGGCCACACTGGGACTGAGACACGGCCC  
AGACTCCTACGGGAGGCAGCAGTGGGGAATATTGCACAATGGGCGAAAGC  
CTGATGCAGCGACGCCGCGTGAGGGATGACGGCCTTCGGGTTGTAAACCT  
CTTTCAGCAGGGACGAAGCGCAAGTGACGGTACCTGCAGAAGAAGCACCG  
GCTAACTACGTGCCAGCAGCCGCGGTAATACGTAGGGTGCGAGCGTTGTC  
CGGAATTATTGGGCGTAAAGAGCTCGTAGGCGGTTTGTTCGTCGCGCCGTG  
AAAACCTTCACGCTTAACGTGGAGCCTGCGGTTCGATACGGGCAGACTTGAG  
TTCGGCAGGGGAGACTGGAATTCCTGGTGTAGCGGTGAAATGCGCAGATA  
TCAGGAGGAACACCGGTGGCGAAGGCGGGTCTCTGGGCCGATACTGACGC  
TGAGGAGCGAAAGCGTGGGGAGCGAACAGGATTAGATACCCTGGTAGTCC  
ACGCCGTAAACGGTGGGTGCTAGGTGTGGGGGACTTCCACGTCCTCCGTGC  
CGCAGCTAACGCATTAAGCACCCCGCCTGGGGAGTACGGCCGCAAGGCTA  
AAACTCAAAGGAATTGACGGGGGCCCCGCACAAGCGGCGGAGCATGTGGAT  
TAATTCGATGCAACGCGAAGAACCTTACCTGGGCTTGACATGCACCGGAA  
ACCTGCAGAGATGTAGGCCTCTTCGGACTGGTGTACAGGTGGTGCATGGCT  
GTCGTCAGCTCGTGTCTGTGAGATGTTGGGTTAAGTCCCGCAACGAGCGCAA  
CCCTCGTTCCATGTTGCCAGCGCGTTATGGCGGGGACTCATGGGAGACTGC  
CGGGGTCAACTCGGAGGAAGGTGGGGATGACGTCAAGTCATCATGCCCCCT  
TATGTCCAGGGCTTCACACATGCTACAATGGCCGGTACAGAGGGCTGCTA  
AGCCGTGAGGTGGAGCGAATCCCAAAAAGCCGGTCTCAGTTCGGATCGGG  
GTCTGCAACTCGACCCCGTGAAAGTCGGAGTCGCTAGTAATCGCAGATCAG  
CAACGCTGCGGTGAATACGTTCCCGGGCCTTGTACACACCGCCCGTCACGT  
CACGAAAGTCGGTAACACCCGAAGCCCGTGGCCCAACCCGCAAGGGGGGG  
AGCGGTCGAAGGTGGGACTGGCGATTGGGACGAAGTCGTAACAAGGTAGC  
CGTACCGGAAGGTGC

SEQ ID NO: 3 GAG TTT GAT CCT GGC TCA G  
SEQ ID NO: 4 CGG TGT GTR CAA GGC CC  
SEQ ID NO: 5 GCA ACG AGC GCA ACC C  
SEQ ID NO: 6 CCG TCA ATT CAT TTG AGT TT  
SEQ ID NO: 7 ATT AGA TAC CCT GGT AG  
SEQ ID NO: 8 CAG CMG CCG CGG TAA TWC  
SEQ ID NO: 9 GWA TTA CCG CGG CKG CTG  
SEQ ID NO: 10 TAC GGG AGG CAG CAG  
SEQ ID NO: 12 CTG CTG CCT CCC GTA  
SEQ ID NO: 13 AGA AAG GAG GTG ATC CAG CC